11/16/01
APC-2-08

MEMPHIS SHELBY COUNTY HEALTH DEPARTMENT
AIR POLLUTION CONTROL SECTION (MSCHD-APC)

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NOT TO BE USED FOR TITLE V APPLICATIONS

OVEN
SOURCE DESCRIPTION

MSCHD RECEIPT DATE

PLEASE TYPE OR PRINT AND SUBMIT IN DUPLICATE FOR EACH OVEN. ATTACH TO THE PERMIT APPLICATION.

1. ORGANIZATION'S LEGAL NAME			**MSCHD-APC FACILITY ID.:**	
2. EMISSION SOURCE NUMBER:	SIC CODE:		**MSCHD-APC PERMIT ID.:**	
3. SOURCE LOCATION	LATITUDE:	LONGITUDE:	UTM VERTICAL:	UTM HORIZONTAL:
4. TYPE OF PROCESS	PAINT BAKE ( )	ANNEALING ( )	OTHER (SPECIFY) ( )	
5. TYPE OF OPERATION	CONTINUOUS ( ) BATCH ( )	NORMAL BATCH TIME:	NORMAL BATCHES/DAY:	
6. NORMAL OPERATION	HOURS/DAY:	DAYS/WEEK:	WEEKS/YEAR:	DAYS/YEAR:
7. MAXIMUM OPERATION	HOURS/DAY:	DAYS/WEEK:	WEEKS/YEAR:	DAYS/YEAR:
8. PERCENT ANNUAL THROUGHPUT	DEC.-FEB.:	MARCH-MAY:	JUNE-AUG.:	SEPT.-NOV.:

9. OVEN MANUFACTURER:	MODEL NUMBER:	SERIAL NUMBER:	DATE INSTALLED:

10. DESCRIBE ARTICLES PROCESSED:

IF OVEN IS PART OF A PAINT, VARNISH, OR LACQUER OPERATION OR PART OF A PROCESS EMISSION SOURCE FOR WHICH A PROCESS OR FUEL BURNING SOURCE DESCRIPTION FORM (APC-2-02) HAS BEEN COMPLETED, ITEM 10 MAY BE LEFT BLANK.

11. PROCESS MATERIAL INPUTS AND IN-PROCESS SOLID FUELS	DIAGRAM* REFERENCE	INPUT RATES DESIGN (LBS/HR)	ACTUAL (LBS/HR)	AVERAGE (TN/YR)	MAXIMUM (TN/YR)	(FOR APC USE ONLY) SCC CODE
A.						
B.						
C.						
TOTALS						

12. METHOD OF HEATING	DIRECT FIRED:	INDIRECT FIRED:	ELECTRIC:	STEAM:	OTHER (SPECIFY):
13. EXHAUST CONTROL	NONE:	DIRECT FLAME AFTERBURNER:	CATALYTIC AFTERBURNER:	OTHER (ATTACH DETAILED DESCRIPTION):	
14. EXHAUST STACK DATA**	HEIGHT ABOVE GRADE (FT):	DIAMETER (FT):	TEMPERATURE (?F):	DIRECTION OF EXIT (UP, DOWN, OR HORIZ):	DISTANCE TO NEAREST PROPERTY LINE (FT):

DATA AT EXIT CONDITION	FLOW (ACTUAL) (FT^3/MIN):	VELOCITY (FT/SEC):	MOISTURE ($GRAINS/FT^3$)	MOISTURE (PERCENT):	SPECIFY OTHER EQUIPMENT THAT SHARES THIS VENT*:

* A SIMPLE FLOW DIAGRAM MUST BE ATTACHED.

** IF OVEN HAS MORE THAN ONE VENT OR STACK, SUBMIT AN EMISSION POINT DESCRIPTION FORM (APC 2-03) FOR EACH ADDITIONAL VENT OR STACK.

(OVER)

15. WHAT OTHER EQUIPMENT SUCH AS SPRAY BOOTHS, ETC., IS USED IN CONJUNCTION WITH THIS OVEN?
(SPECIFY AND LIST CORRESPONDING EMISSION SOURCE NUMBER OF EACH)

ITEM 16 SHOULD BE COMPLETED ONLY FOR DIRECT OR INDIRECT HEATED OVENS, LEAVE BLANK FOR ELECTRIC OR STEAM HEATED OVENS.

16. OVEN FUEL DATA: PRIMARY FUEL TYPE (SPECIFY): STANDBY FUEL TYPE(S) (SPECIFY):

FUEL	ANNUAL USAGE	HOURLY USAGE		% SULFUR	% ASH	BTU VALUE OF FUEL	(FOR APC USE ONLY) SCC CODE
		DESIGN	AVERAGE				
NATURAL GAS	$10^6 FT^3$:	FT^3:	FT^3:	X	X	1,000 BTU/FT^3	
#2 FUEL OIL	10^3GAL:	GAL:	GAL:		X		
LIQUID PROPANE	10^3GAL:	GAL:	GAL:	X	X	85,000 BTU/GAL	
OTHER (SPECIFY TYPE & UNITS)							

17. COMMENTS

IF OVEN IS PART OF A PAINT, VARNISH, OR LACQUER OPERATION, ITEM 17 SHOULD BE LEFT BLANK.

18. AIR CONTAMINANTS	AVERAGE (LBS/HR)	MAXIMUM (LBS/HR)	CONCENTRATION	AVERAGE (TONS/YR)	MAXIMUM (TONS/YR)	EMISSIONS* ESTIMATION METHOD	CONTROL DEVICES*	CONTROL EFFICIENCY %
PARTICULATES			**					
SULFUR DIOXIDE			PPM					
CARBON MONOXIDE			PPM					
ORGANIC COMPOUNDS			PPM					
NITROGEN OXIDES			PPM					
FLUORIDES								
OTHER (SPECIFY)								

* REFER TO THE BACK OF THE PERMIT APPLICATION FORM FOR ESTIMATION METHOD AND CONTROL DEVICE CODES.
** EXIT GAS PARTICULATE CONCENTRATION UNITS: GRAINS/DRY STANDARD FT^3 (70?F).